

ABSTRACT

One of supply chain activities at PT. MQ Consumer Goods are inventory control and production planning activities. The process of inventory control that deploy now still in manual, the stock needs to clarification almost each time there are an order comes. It makes the respond of the lack of resources often comes late, that make the consumer have to wait for the orders to produced. In production planning, the data that used for planning is historical data from each part of supply chain that makes the bullwhip effect. Therefore, it needs a system that can control the stock in real time and also can provide data actual demand for used in production planning.

The system designed by analyzing identification system needs that describe in modeling system, basis data design, structure menu design, and interface design. Next, the design implemented in programming language then testing the functionality.

Based on the result of this system design, the conclusion is this web based *Inventory Management Information System* use MySQL database and PHP language programming and it has tested so that can works as a support tools for make the supply chain optimal.

Keywords : Information System, Inventory Management